

ABSTRACT

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A method for spray-coating a medical device by using a nozzle apparatus having a chamber that is connected to at least one opening for dispensing a coating formulation. Such method comprises (a) grounding the surface of the medical device that is to be coated and (b) applying a coating formulation, which comprises a polymeric material and a solvent, by (1) providing the nozzle apparatus comprising a chamber connected to at least one opening for dispensing the coating formulation; (2) placing the coating formulation into the chamber; (3) electrically charging the coating formulation; (4) creating droplets of the electrically charged coating formulation; and (5) depositing the droplets of coating formulation onto the grounded surface to form a coating on the surface.

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